

In the claims:

1-80. (Canceled).

81. (New) A liquid-crystal eyeglass system, comprising:
an eyeglass frame:
at least one liquid-crystal lens, arranged in the frame and adapted for variable opacity;
a reflective coating on an exterior side of the at least one liquid-crystal lens, for providing the at least one liquid-crystal lens with substantially invariant exterior appearance, under different levels of the variable opacity; and
a control system for controlling the level of the variable opacity of the at least one liquid-crystal lens.

82. (New) The liquid-crystal eyeglass system of claim 81, and further including a second lens, wherein both the at least one liquid-crystal lens and the second lens have reflective coatings on their exterior sides, for providing the at least one liquid-crystal lens and the second lens with substantially identical exterior appearance.

83. (New) The liquid-crystal eyeglass system of claim 82, wherein the lenses of the eyeglass system are configured for corrective vision.

84. (New) The liquid-crystal eyeglass system of claim 81, and further including a second liquid-crystal lens, arranged in the frame and adapted for variable opacity, wherein each of the at least one and the second liquid-crystal lenses is independently controlled by the control system.

85. (New) The liquid-crystal eyeglass system of claim 84, wherein the lenses of the eyeglass system are configured for corrective vision.

86. (New) The liquid-crystal eyeglass system of claim 84, selectively operative also as sunglasses.

87. (New) The liquid-crystal eyeglass system of claim 81, and further including a fashionable designer's brand name, imprinted on the liquid-crystal eyeglass system.

88. (New) The liquid-crystal eyeglass system of claim 81, and further including at least one sensor, coupled to the control system, for sensing that the liquid-crystal eyeglass system is worn by a user.

89. (New) The liquid-crystal eyeglass system of claim 88, and further including:

a timing device, coupled to the at least one sensor and to the control system, for indicating a timing parameter related to the wearing of the liquid-crystal eyeglass system by the user, the timing parameter being selected from the group consisting of: a date, a time, a duration of the occlusion-and-exercising session on that date, and a combination thereof; and

a computerized implement, adapted to store the timing parameter.

90. (New) The liquid-crystal eyeglass system of claim 89, wherein said computerized implement is further adapted for at least one action selected from the group consisting of: providing feedback regarding compliance, reminding the user to comply, alerting the user to an upcoming therapeutic procedure, and a combination thereof.

91. (New) The liquid-crystal eyeglass system of claim 89, wherein said computerized implement is designed as a toy, adapted for at least one action selected from the group consisting of: providing feedback to the user regarding compliance, in a playful manner, reminding the user to comply, in a playful manner, alerting the user to an upcoming therapeutic procedure, in a playful manner, and a combination thereof.

92. (New) The liquid-crystal eyeglass system of claim 81, wherein said variable opacity has two levels, transparent and opaque.

93. (New) The liquid-crystal eyeglass system of claim 81, wherein a voltage regulator is coupled to said at least one liquid-crystal lens, for varying a level of said variable opacity by varying a voltage input.

94. (New) The liquid-crystal eyeglass system of claim 93, wherein the level of said variable opacity may be varied gradually.

95. (New) The liquid-crystal eyeglass system of claim 94, and further including a light sensor for sensing the amount of ambient light, wherein occlusion is gray-level occlusion, and the level of said variable opacity is increased responsive to the amount of ambient light.

96. (New) The liquid-crystal eyeglass system of claim 81, wherein a pulse generator is coupled to said at least one liquid-crystal lens, for varying a level of said variable opacity by varying a pulse frequency.

97. (New) The liquid-crystal eyeglass system of claim 96, wherein the level of said variable opacity may be varied gradually.

98. (New) The liquid-crystal eyeglass system of claim 96, and further including a light sensor for sensing the amount of ambient light, wherein occlusion is gray-level occlusion, and the level of gray of said variable opacity is increased responsive to the amount of ambient light.

99. (New) A method of eye treatment, comprising:
providing a liquid-crystal eyeglass system, comprising:
an eyeglass frame:
at least one liquid-crystal lens, adapted for variable opacity, arranged
in said frame;

a reflective coating on an exterior side of said at least one liquid-crystal lens, for providing said lens with substantially invariant exterior appearance, under different levels of said variable opacity; and

a control system for controlling the level of said variable opacity of said at least one liquid-crystal lens; and

varying the level of said variable opacity of said at least one liquid-crystal lens, while maintaining its exterior appearance substantially unchanged.

100. (New) A method of eye treatment, comprising:

providing a liquid-crystal eyeglass system, which comprises:

an eyeglass frame:

at least one liquid-crystal lens, adapted for variable opacity, arranged in said frame;

a sensor, arranged on said liquid-crystal eyeglass system, for sensing when said liquid-crystal eyeglass system is worn, and

a control system, for receiving signals from said sensor and for controlling the level of said variable opacity of said at least one liquid-crystal lens; and
automatically sensing when said liquid-crystal eyeglass system is worn.